Work Order Tuesday, January	· ID 65486 18, 2011 2:44:34 PM										Page 1
Revision ID: Item Name:	03182-1 Iinge		Accept					Setup	Start Stop		
Start Date: 1 Required Date: 1 Reference:	/19/2011 Start Qty: 4.0 /24/2011 Req'd Qty: 4.0	1 (45)		Cust Item I Customer:	D:		٠				
	Process Plan: MF	Date:	Tooling: SPC (Y/N):	-	ate:			Run	Start Stop		
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr										
D3182	Rev A										
100 Waterjet	FLOW WATER JE		0.00				BI	<u> </u>	۵_		
FLOW CNC Waterjet ろい、いる		s per Dwg D3182 □Dwg Rev if necessary	r: A □Prog Rev:_	<u> </u>					-		
	QC2- Inspect parts of	off machine FAI/FAIB	0.00				i.e.		> ~		
QC Quality Control	Мето		0.00					211- <u>1-</u>			

Memo

QC8- Inspect parts - second check

Sulation

(xle) _____

Quality Control

10

W/O:			WC	GES					
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC inspector
 									
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	Date: _	
	R	esolution:	Dispositio	າ:	QA: N/C C	losed:		Date: _	
NCR:		•	WORK ORDI	ER NON-CONFORM	ANCE (NCI	₹)			
DATE	STEP	Description of NC	Initial	Corrective Action Sec Action Description	ction B Sign		cation	Approval	Approval
		Section A	Chief Eng	Chief Eng	Date	Sect	ion C	Chief Eng	QC Inspector
					·				
	1								

Work Order ID 65486

Tuesday, January 18, 2011 2:44:35 PM



Page 2

Item ID:

D3182-1

Accept

Setup Start

Stop



Revision ID:

Start Date:

Hinge Item Name:

1/19/2011

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Required Date: 1/24/2011

Process Plan:

Date:_____

Tooling:

0.00

Date:

Start Run

Reject

Qty

Accept

Qty



QC:

Date: _____

SPC (Y/N):

Set Up/

Run Hours

Date:

Tool # Plan

Code

Stop

Reject

Number

· • •



Insp.

Stamp

Sequence ID/ **Work Center ID**

130

Small Fab

Small Fab

Operation Description

Small Fab

Memo

Deburr if necessary

OC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

150

140

Packaging

Packaging

Identify as per dwg & Stock Location:

Memo

*****STOCK IN BASKET CELL*****

0.00

11-01-20



	•								
W/O:			WO	RK ORDER CHANGE	S				•
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	-								
Part No	:	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A:	Date: _	
	Re	solution:	Disposition	:	QA: N/C Cld	sed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCR)			
DATE	CTED	Description of NC	Description of NC Corrective Acti			Verifi	ication Approval		Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date		ion C	Chief Eng	QC Inspector
								11.	

Work Order ID 65486

Tuesday, January 18, 2011 2:44:35 PM



Page 3

Item ID:

D3182-1

Revision ID: Item Name:

Hinge

Start Date:

1/19/2011

Start Qty: 4.00 **Req'd Qty:** 4.00

Operation

Description

Required Date: 1/24/2011

Accept



Setup Start

Stop

Cust Item ID:

Customer:

Approvals:

Reference:

QC:

Process Plan:

Date: _____

Date: _____ Tooling:

SPC (Y/N):

Date:

Date:

Run Start

Stop



Set Up/ Run Hours

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

160

Quality Control

Sequence ID/

Work Center ID

Memo

QC21- Final Inspection - Work Order Release

0.00

W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRC	CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								Prod lyigr	<u>'</u>
Part No		PAR #:	Fault Cate	egory:	_ NCR: Yes	No DQ	A:	Date:	
	R	esolution:	Disposition	on:	_ QA: N/C Clo	sed:		Date:	
NCR:		1	WORK ORD	ER NON-CONFORMA	NCE (NCR)	,		
DATE	OTED	Description of NC		Corrective Action Section		Verifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date		ion C	Chief Eng	QC Inspector
						`			

Picklist Print

Tuesday, January 18, 2011 2:44:28 PM

Work Order ID: 65486

Parent Item:

D3182-1

Parent Item Name: Hinge

1 ANDRIA BINDS ANNI BINDA IBNIA BIND IBNIA 1 Indrina binda kinda kinda ibnia binda kinda ibnia binda binda binda binda binda binda binda binda binda binda

Start Date: 1/19/2011

Required Date: 1/24/2011

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP □A□03.01.29□New issue□KJ/RF□

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S11GA	181t: NABI: 181 IND	Purchased	No			100	sf	93.5003	0.0596	0.250947	ίς.		
										NR.	11-1- 7	0	

304/316 0.125 Sheet

Location	Loc Oty	Loc Code	
MAT	93.5003		\
114799	0.5003		<u>لا</u>
116437	29	116437	
116623	. 64		

Page 1

W/O:			WO	RK ORDER CHANG	ES				
DATE	STEP	PRO	PROCEDURE CHANGE					Approval Chief Eng /	Approval QC Inspector
								Prod Mgr	QO MODUCION
Part No	•	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A:	Date: _	
	Re	esolution:	Disposition	:	_ QA: N/C Clo	sed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCR))			
DATE	STEP	Description of NC	Description of NC Corrective Action			Verifi	cation	Approval	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Sec	tion C.	Chief Eng	QC Inspector
					ŀ				

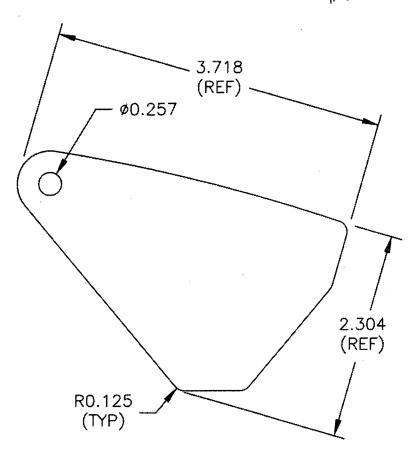




DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKEDA	APPROVED	DRAWING NO. REV. A
#	di	D3182 SHEET 1 OF 1
DATE		TITLE SCALE
03.01.21		HINGE 1:1
Α	03.01.21	NEW ISSUE



#65486.



D3182-1 HINGE

- 1) MACHINE D3182-1 PER DART DWG "D3182-1.DWG" 2) MATERIAL: AISI 304/316 SS SHEET 0.125 THICK (REF DART SPEC. M304S11GA)
- 3) FINISH: NONE
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) TOLERANCES ARE PER QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES

Copyright © 2003 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

W/O:			\\/	ORK ORDER CHANG	EC			· · · · · · · · · · · · · · · · · · ·
DATE	STEP	PRO	OCEDURE CHA		By	Date Qty	Approval Chief Eng /	Approval
	O I E I					Date diy	Prod Mgr	QC Inspector
			·····					
Part No	:	PAR #:	Fault Cate	egory:	_ NCR: Yes I	No DQA:	Date: _	
	Re	esolution:	Disposition	on:	_ QA: N/C Clo	sed:	Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	ANCE (NCR			
		Description of NC Corrective Action			on B	Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
	ŧ							
						:		
					·			
I	1		1 1		1	I	1	1

DART AEROSPACE LTD	Work Order: 65 48	6
Description: Hinge	Part Number: D318	2-1
Inspection Dwg: D3182 Rev: A	Page 1	of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
3.718	+/-0.010	3.721	Ø		V B02	
Ø0.257	+0.006/-0.001	1969	<i>p</i>		V	
2.304	+/-0.010	2310	>		V	
R0.125	+/-0.010	1125	×		R.G	
: 						
			,			

Measured by:	B	Audited by:	8	Prototype Approval:	N/A
Date:	11-1-00	Date:	ulako	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	06.10.12	New Issue	KJ/JLM	
В	08.01.16	3.718 was 3.178	KJ/EC/DD	78

W/O:			W	ORK ORDER CHANGE	S					
DATE	STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
							<u></u>			
Part No:		PAR #:	Fault Category: NC			CR: Yes No DQA: Date:				
	R	esolution:	Disposition: QA			A: N/C Closed:			Date:	
NCR:			WORK ORI	DER NON-CONFORMAN	NCE (NCI	₹)				
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification		Approval	Approval	
			Initial	Action Description	Sign	&	Section C	Chief Eng	QC Inspector	
	1		Chief Eng	Chief Eng	Date		ion C	Chief Eng	QC Inspector	
							ion C	Chief Eng	QC Inspector	
							ion C	Chief Eng	QC Inspector	
							ion C	Chief Eng	QC Inspector	
							ion C	Chief Eng	QC Inspector	
							ion C	Chief Eng	QC Inspector	
							ion C	Chief Eng	QC Inspector	
							ion C	Chief Eng	QC Inspector	
							ion C	Chief Eng	QC Inspector	
·							ion C	Chief Eng	QC Inspector	